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## Derwent Record

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Derwent Title: **Toothbrush with hand grip and replaceable head - has brush head exchangeably fitted on front part and having bristle carrier with extending bristles fixed in position by elastically deformable components**

Original Title: **WO9801055A1: TOOTHBRUSH AND BRUSH HEAD FOR SAID TOOTHBRUSH**

Assignee: **TRISA BUERSTENFABRIK AG** Non-standard company  
**FISCHER F** Individual

Inventor: **FISCHER F;**

Accession/  
Update: **1998-100769 / 200206**

IPC Code: **A46B 0/00 ; A46B 7/04 ; A46B 9/04 ;**

Derwent Classes: **P24;**

Derwent  
Abstract: ( [WO9801055A](#)) The bristle carrier (5) is held in a longitudinal guide in the front part (3) of the hand grip (2), extending in the longitudinal direction of the toothbrush and for exchange is displaceable along the longitudinal guide.

The bristle carrier in its end position is fixed by securing components (38) elastically deformable crossways to the longitudinal direction against a longitudinal displacement. In order to improve the retention of the brush head in the hand grip, counterpoised wedging centering components (22, 42) are arranged in the end position of the bristle carrier. The longitudinal guide is formed by longitudinal grooves (14), in each of which engages a guide strip (34) on the bristle carrier.

**Advantage** - The used bristle heads can be easily exchanged and the secure fixture of the bristle head during use is guaranteed.

Images:

, Dwg.4/7

Family:

PDF Patent	Pub. Date	Derwent Update	Pages	Language	IPC Code
<input checked="" type="checkbox"/> <a href="#">WO9801055A1</a> *	1998-01-15	199809	21	German	A46B 7/04
Des. States: (N) BR CA CN JP KR NO US (R) AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
Local appls.: <a href="#">WO1997CH0000209</a> Filed:1997-05-26 (97WO-CH00209)					
<input checked="" type="checkbox"/> <a href="#">DE59705675G</a> =	2002-01-17	200206		German	A46B 7/04
Local appls.: Based on <a href="#">EP00910258</a> (EP 910258) Based on <a href="#">WO9801055</a> (WO 9801055) <a href="#">EP1997000921573</a> Filed:1997-05-26 (97EP-0921573) <a href="#">WO1997CH0000209</a> Filed:1997-05-26 (97WO-CH00209) <a href="#">DE1997000505675</a> Filed:1997-05-26 (97DE-0505675)					
<input checked="" type="checkbox"/> <a href="#">EP0910258B1</a> =	2001-12-05	200203	8	German	A46B 7/04
Des. States: (R) CH DE FR IT LI					
Local appls.: Based on <a href="#">WO9801055</a> (WO 9801055) <a href="#">WO1997CH0000209</a> Filed:1997-05-26 (97WO-CH00209) <a href="#">EP1997000921573</a> Filed:1997-05-26 (97EP-0921573)					
<input checked="" type="checkbox"/> <a href="#">US6237183</a> =	2001-05-29	200132	7	English	A46B 9/04
Local appls.: Based on <a href="#">WO9801055</a> (WO 9801055) <a href="#">US1998000202179</a> Filed:1998-12-10 (98US-0202179) <a href="#">WO1997CH0000209</a> Filed:1997-05-26 (97WO-CH00209)					
<input checked="" type="checkbox"/> <a href="#">BR9710249A</a> =	1999-08-10	199953		PT_BR	A46B 7/04
Local appls.: Based on <a href="#">WO9801055</a> (WO 9801055) <a href="#">BR1997000010249</a> Filed:1997-05-26 (97BR-0010249) <a href="#">WO1997CH0000209</a> Filed:1997-05-26 (97WO-CH00209)					
<input checked="" type="checkbox"/> <a href="#">EP0910258A1</a> =	1999-04-28	199921		German	A46B 7/04
Des. States: (R) CH DE FR IT LI					
Local appls.: Based on <a href="#">WO9801055</a> (WO 9801055) <a href="#">EP1997000921573</a> Filed:1997-05-26 (97EP-0921573) <a href="#">WO1997CH0000209</a> Filed:1997-05-26 (97WO-CH00209)					
<a href="#">NO9900092A</a> =	1999-01-08	199916		NO_NO	A46B 0/00
Local appls.: <a href="#">NO1999000000092</a> Filed:1999-01-08 (99NO-0000092) <a href="#">WO1997CH0000209</a> Filed:1997-05-26 (97WO-CH00209)					

INPADOC  
Legal Status:

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First Claim:  
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Patentansprüche 1. Zahnbürste mit einem Handgriff (2), auf dessen vorderen Teil (3) ein Bürstenkopf (4) auswechselbar aufgesetzt ist, der einen Borstenträger (5) mit abstehenden Borsten (6) aufweist, dadurch gekennzeichnet, dass der Borstenträger (5) in einer sich in Längsrichtung (S) der Zahnbürste erstreckenden Längsführung im vorderen Teil (3) des Handgriffes (2) gehalten und zum Auswechseln entlang dieser Längsführung verschiebbar ist, und in seiner Endstellung über quer zur Längsrichtung (S) elastisch deformierbare Rastelemente (37, 38) gegen eine Verschiebung in der Längsrichtung (S) fixiert ist, und dass zur Verbesserung des Haltes des Bürstenkopfes im Handgriff (2) dem Handgriff (2) und dem Borstenträger (5) sich in der Endstellung des Borstenträgers (5) gegenseitig verkeilende Zentrierelemente (22, 42) zugeordnet sind.

Priority Number:

Application Number	Filed	Original Title
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CH1996000001705 | 1996-07-08 |

▼ Title Terms: TOOTHBRUSH HAND GRIP REPLACE HEAD BRUSH HEAD EXCHANGE FIT  
FRONT PART BRISTLE CARRY EXTEND BRISTLE FIX POSITION ELASTIC  
DEFORM COMPONENT

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